

November-11-13 12:38:43 PM

Page 1

```
Run      Start  *NR1*
          Stop   *NR2*
```

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </td> <td style="width: 33%;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </td> <td style="width: 33%;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </td> <td style="width: 33%;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </td> </tr> </table>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 109088

November-11-13 12:38:43 PM

109088

Page 2

Item ID: D5953 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Saddle
 Start Date: 11/11/13 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 11/25/13 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Chemical Conversion Coat per QSI005 4.1	0.00							
130						6			
HandFinish	Memo	0.00							
Hand Finishing									
140	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							
140						6			
Powdercoat	Memo	0.00							
Powder Coating	START TIME: 2:45 OVEN TEMPERATURE: 315								
	FINISH TIME: 3:15								
150	QC3- Inspect Part Finish	0.00							
150						6			
QC	Memo	0.00							
Quality Control									

DAS
34
9-89

B.11.20

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </td> <td style="width: 33%;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </td> <td style="width: 33%;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </td> <td style="width: 33%;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </td> </tr> </table>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 109088

November-11-13 12:38:43 PM

109088

Page 3

Item ID: D5953 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Saddle
 Start Date: 11/11/13 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 11/25/13 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	Identify as per dwg & Stock Location: <i>ST 490</i>	0.00							DAS 26 9-89
160									
Packaging	Memo	0.00							
Packaging									13-11-20
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.00							
Quality Control									

RM 13/11/20

ME 13-11-20

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		
<input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Picklist Print

November-11-13 12:38:47 PM

Page 1/1

Work Order ID: 109088

109088

Parent Item: D5953

D5953

Parent Item Name: Saddle

Start Date: 11/11/13

Required Date: 11/25/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:E Re-Format 05-11-29 JLM
IPP Rev:f ecn 826 06.12.06 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D6101-007		Manufactured	No			100	Each	29.0000	1	4			
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D6101-007

Saddle Billet

**

DR/A

13-11-16

Location

Loc Qty

Loc Code

MAT042

9

103030

1

106883

8

MAT044

20

108537

20

6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

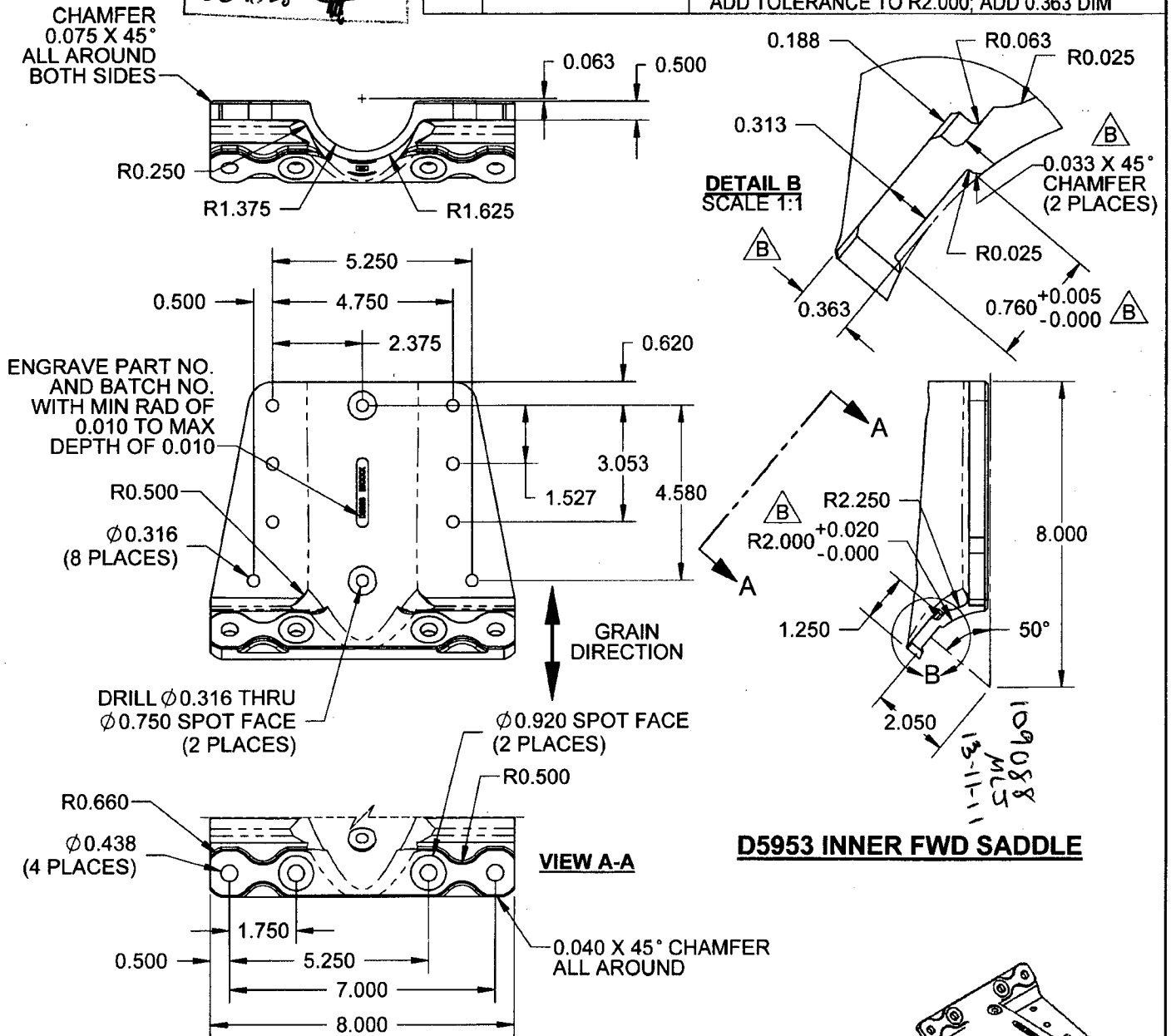
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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DESIGN BW	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED [Signature]	DRAWING NO. D5953	REV. B SHEET 1 OF 1
DATE 06.11.07	TITLE INNER FWD SADDLE		
REV A	DATE 97.05.06	DESCRIPTION NEW ISSUE	
B	06.11.07	INCORPORATE DEO 9102, DEO 9079; ADD 0.363 DIMENSION; $\phi 0.316$ WAS $\phi 0.313$; ADD TOLERANCE TO R2.000; ADD 0.363 DIM	



NOTES:

- 1) MATERIAL: ALUMINUM 7075-T7351 PER QQ-A-250/12
(MAKE FROM D6101-007 SADDLE BILLET, 7075)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES 0.010 TO 0.020

ISOMETRIC VIEW
SCALE 1:8

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DART AEROSPACE LTD	Work Order: 109 088
Description: SADDLE	Part Number: D5953
Inspection Dwg: D5953 Rev: B	Page 1 of 1

#1

FIRST ARTICLE INSPECTION CHECKLIST

	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	Ø.438	$\begin{matrix} -.001 \\ +.005 \end{matrix}$	.439	✓			
B	1.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.749	✓			
C	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.249	✓			
D	7.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	6.999	✓			
E	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.247	✓			
F	4.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	4.7485	✓			
G	Ø.316	$\begin{matrix} -.001 \\ +.005 \end{matrix}$	.3155	✓			
H	1.527	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	1.528	✓			
I	3.053	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	3.054	✓			
J	4.580	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	4.581	✓			
K	Ø.316 x Ø.750	$\begin{matrix} +.005 \\ -.001 \end{matrix}$	.316 x .750	✓			
L	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.498	✓			
M	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.498	✓			
N	R1.625	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R1.625	✓			
O	8.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	8.001	✓			
P	R2.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R2.250	✓			
Q	.313	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.312	✓			
R	.760	$\begin{matrix} +.005 \\ -.000 \end{matrix}$	.760	✓			
S	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.499	✓			
T	R1.375	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.382	✓			
U	R2.000	$\begin{matrix} +.020 \\ -.000 \end{matrix}$	R2.003	✓			

Measured by: DP/B.A	Audited by: [Signature]	Preliminary Approval:
Date: 13-11-17	Date: 13/11/19	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15

DART AEROSPACE LTD		Work Order: 109 088
Description: SADDLE		Part Number: D5953
Inspection Dwg: D5953 Rev: B.		Page 1 of 1

#2

FIRST ARTICLE INSPECTION CHECKLIST

	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	Ø.438	$\begin{matrix} -.001 \\ +.005 \end{matrix}$	.439	✓			
B	1.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.749	✓			
C	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.249	✓			
D	7.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	6.999	✓			
E	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.248	✓			
F	4.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	4.7485	✓			
G	Ø.316	$\begin{matrix} -.001 \\ +.005 \end{matrix}$	.3155	✓			
H	1.527	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	1.528	✓			
I	3.053	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	3.054	✓			
J	4.580	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	4.578	✓			
K	Ø.316 x Ø.750	$\begin{matrix} +.005 \\ -.001 \end{matrix}$	.316 x .750	✓			
L	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.498	✓			
M	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.498	✓			
N	R1.625	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.625	✓			
O	8.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	8.0005	✓			
P	R2.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R2.250	✓			
Q	.313	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.312	✓			
R	.760	$\begin{matrix} +.005 \\ -.000 \end{matrix}$	.760	✓			
S	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.4945	✓			
T	R1.375	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.383	✓			
U	R2.000	$\begin{matrix} +.020 \\ -.000 \end{matrix}$	2.004	✓			

Measured by: DR/A.F	Audited by: amf	Preliminary Approval:
Date: 13-11-17	Date: 13/11/19	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15

DART AEROSPACE LTD	Work Order: 109 088
Description: SADDLE	Part Number: D5953
Inspection Dwg: D5953 Rev: B.	Page 1 of 1

#3

FIRST ARTICLE INSPECTION CHECKLIST

	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	Ø.438	$\begin{matrix} +.001 \\ - .005 \end{matrix}$	.439	✓			
B	1.750	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	1.749	✓			
C	5.250	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	5.249	✓			
D	7.000	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	6.999	-			
E	5.250	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	5.249	✓			
F	4.750	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	4.758	✓			
G	Ø.316	$\begin{matrix} +.001 \\ - .005 \end{matrix}$	.3155	✓			
H	1.527	$\begin{matrix} +.005 \\ - .005 \end{matrix}$	1.526	✓			
I	3.053	$\begin{matrix} +.005 \\ - .005 \end{matrix}$	3.052	-			
J	4.580	$\begin{matrix} +.005 \\ - .005 \end{matrix}$	4.580	-			
K	Ø.316 x Ø.750	$\begin{matrix} +.005 \\ - .001 \end{matrix}$	316 x .750	-			
L	.500	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	.499	✓			
M	.500	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	.499	-			
N	R1.625	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	R1.625	-			
O	8.000	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	8.001	✓			
P	R2.250	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	R2.250	✓			
Q	.313	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	.312	✓			
R	.760	$\begin{matrix} +.005 \\ - .000 \end{matrix}$	.760	✓			
S	.500	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	.498	-			
T	R1.375	$\begin{matrix} +.010 \\ - .010 \end{matrix}$	R1.382	✓			
U	R2.000	$\begin{matrix} +.020 \\ - .000 \end{matrix}$	R2.001	✓			

Measured by: DR/B.A.	Audited by: <i>[Signature]</i>	Preliminary Approval:
Date: 13-11-17	Date: 13/11/19	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	


10.04.15

DART AEROSPACE LTD		Work Order: 109 088
Description: SADDLE		Part Number: D5953
Inspection Dwg: D5953 Rev: B.		Page 1 of 1

#4.

FIRST ARTICLE INSPECTION CHECKLIST

	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	Ø.438	$\begin{matrix} -.001 \\ +.005 \end{matrix}$	.439	-			
B	1.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.525	-			
C	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.252	-			
D	7.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	7.002	-			
E	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.249	-			
F	4.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	4.748	-			
G	Ø.316	$\begin{matrix} -.001 \\ +.005 \end{matrix}$	Ø.3155	-			
H	1.527	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	1.526	-			
I	3.053	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	3.054	-			
J	4.580	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	4.580	-			
K	Ø.316 x Ø.750	$\begin{matrix} +.005 \\ -.001 \end{matrix}$	.316 x .750	-			
L	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.499	-			
M	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.500	-			
N	R1.625	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R1.625	-			
O	8.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	8.0005	-			
P	R2.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R2.250	-			
Q	.313	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.312	✓			
R	.760	$\begin{matrix} +.005 \\ -.000 \end{matrix}$	.760	✓			
S	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.4995	✓			
T	R1.375	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R1.375.	-			
U	R2.000	$\begin{matrix} +.020 \\ -.000 \end{matrix}$	R2.000	-			

Measured by: DP/D.A	Audited by: 	Preliminary Approval:
Date: 13/11/18	Date: 13/11/19	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15

DART AEROSPACE LTD	Work Order: 109 088
Description: SADDLE	Part Number: D5953
Inspection Dwg: D5953 Rev: B	Page 1 of 1

#5

FIRST ARTICLE INSPECTION CHECKLIST

	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	Ø.438	$\begin{matrix} +.001 \\ -.005 \end{matrix}$	.439	✓			
B	1.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	1.749	✓			
C	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.249	✓			
D	7.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	6.999	✓			
E	5.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	5.249	✓			
F	4.750	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	4.749	✓			
G	Ø.316	$\begin{matrix} +.001 \\ -.005 \end{matrix}$	.3155	✓			
H	1.527	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	1.526	✓			
I	3.053	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	3.053	✓			
J	4.580	$\begin{matrix} +.005 \\ -.005 \end{matrix}$	4.581	✓			
K	Ø.316 x Ø.750	$\begin{matrix} +.005 \\ -.001 \end{matrix}$	.316 x .750	✓			
L	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.499	✓			
M	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.498	✓			
N	R1.625	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R1.625	✓			
O	8.000	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	8.000	✓			
P	R2.250	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R2.250	✓			
Q	.313	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.312	✓			
R	.760	$\begin{matrix} +.005 \\ -.000 \end{matrix}$	.760	✓			
S	.500	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	.4995	✓			
T	R1.375	$\begin{matrix} +.010 \\ -.010 \end{matrix}$	R1.382	✓			
U	R2.000	$\begin{matrix} +.020 \\ -.000 \end{matrix}$	R2.002	✓			

Measured by: J / D.A.	Audited by: [Signature]	Preliminary Approval:
Date: 13-11-17	Date: 13/11/19	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15

DART AEROSPACE LTD		Work Order: 109 088
Description: SADDLE		Part Number: D5953
Inspection Dwg: D5953 Rev: B.		Page 1 of 1

#6

FIRST ARTICLE INSPECTION CHECKLIST

	Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	Ø.438	+0.001 -0.005	.439	✓			
B	1.750	+0.010	1.748	✓			
C	5.250	+0.010	5.248	✓			
D	7.000	+0.010	7.001	✓			
E	5.250	+0.010	5.251	✓			
F	4.750	+0.010	4.749	✓			
G	Ø.316	+0.001 -0.005	Ø3155	✓			
H	1.527	+0.005	1.526	✓			
I	3.053	+0.005	3.052	✓			
J	4.580	+0.005	4.579	✓			
K	Ø316 x Ø.750	+0.005 -0.001	Ø361 x .750	✓			
L	.500	+0.010	.499	✓			
M	.500	+0.010	.500	✓			
N	R1.625	+0.010	R1.625	✓			
O	8.000	+0.010	8.0005	✓			
P	R2.250	+0.010	R2.250	✓			
Q	.313	+0.010	.313	✓			
R	.760	+0.005 -0.000	.760	✓			
S	.500	+0.010	.499	✓			
T	R1.375	+0.010	R1.375	✓			
U	R2.000	+0.020 -0.000	R2.003	✓			

Measured by: DZ/B.m	Audited by: <i>Amf</i>	Preliminary Approval:
Date: 13-11-18	Date: 13/11/19	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15